Please Type a plus sign (+) inside	e this box									
		Attorney Dock	et Number	BP 2488.1						
	BIGN	First Named Inv	ntor	Stephen Pa	alm					
PATENT AF	PLICATION		COMPLETE IF KNOWN							
(37 CF	R 1.63)									
•	•	Application N	umber							
Declaration [Submitted OR with Initial	Declaration Submitted after Filing (surcharg									
Filing	(37 CFR 1.16(e)) required)	Group Art Uni	t							
		Examiner Nan	ne							
As a below named inventor, I	hereby declare that:									
My residence, post office addres		ated below next to my name.								
I believe I am the original, first, a below) of the subject matter which	nd sole inventor (if only one ch is claimed and for which	e name is listed below) or an or a patent is sought on the inver	iginal, first, and ntion entitled:	joint inventor (if p	lural name	s are listed				
WIRELESS TERM	IINAL OPERATIO	ONS WITHIN WIRE	LESS LO	CAL AREA	NETW	VORK				
the specification of which										
is attached hereto										
OR										
I hereby state that I have reviewe amendment specifically referred	ed and understand the cont to above.	ents of the above identified spo	ecification, inclu	ding the claims, a	s amende	d by any				
I acknowledge the duty to disclo	se information, which is ma	terial to patentability as definer	d in 37 CFR 1.50	6 .						
I hereby claim foreign priority be 3659a) of any PCT international also identified below, by checkin having a filing date before that o	application which designating the box, any foreign appli	ed at least one country other the ication for patent or inventor's or i	nan the United S	tates of America,	listed belo	w and have				
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed		Copy Att					
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Additional foreign applicati	on numbers are listed on a	supplemental priority data she	et PTO/SB/02B	attached hereto:						
I hereby claim the benefit unde	r 35 U.S.C. 119(e) of any U	Inited States provisional applic								
Application Number	r(s) F	Filing Date (MM/DD/YYYY)								
60/398,744		07/26/02	Additional provisional application numbers are listed on a supplementa priority data sheet PTO/SB/02B attached hereto							
	DECLARATIO	ON – Utility or Design Patent	Application							
I hereby claim the benefit under United States of America, liste	35 U.S.C. 120 of any Unit d below and, insofar as th	ted States application(s), or 36 to subject matter of each of the	55(c) of any PC ne claims of this	application is n	ot disclose	ed in the pri				
United States or PCT Internation	nal application in the mann	ner provided by the first paragr	aph of 35 U.S.C	. 112, I acknowle	dge the di	uty to disclo				

information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application

U.S. Parent Application or PCT Parent Number				Parent Filing Date (MM/DD/YYYY)			Parent Patent Number (if applicable)					
		10/357,795 02/04/2003										
Addition	Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto									ched hereto		
Direct all com	espondence	10: 5	ustomer N	lumber			OR	Com	spondence addr	ss belo	w	,
Direct air con	Direct all correspondence to: Customer Number OR Correspondence address below or Bar Code Label											
Name												
Address		arrison & F	Harkison,	LLP								
Address	P.O. Box 1	160727						-1				
City	Austin					Star		TX				78716-0727
Country	US						ephone		264-8816			(512) 264-3735
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patent issued		JOUI, UIRDES	16 0.3,0,	1001 4	nu mai si	TCIT WITH	uitase	Statemen	is may jeoparoize	trie van	cuty of the	application or any
Name of Firs	Name of First Inventor: A petition has been filed for this unsigned inventor											
	Given Name (first and middle [if anyl]) Family Name or Surname											
		Steph	ien /	19						Palm)	
Inventor's S	gnature		1/4	_						Da	te	
				5	نتجييست					115	EP 200	•
Residence:	City	Irvine			State	CA	C	ountry	US		izenship	
Post Office	Address	6 Santa L	uzia Aisl	B								
Post Office	Address											
City		Irvine		State	CA	Zi	p	92606		Co	untry	US
Name of Inv	entor;							A	petition has been	filed fo	this unsi	gned inventor
	Given N	ame (first a	nd middle	[if any])	}				Family I	Name o	Sumam	8
Jeffrey L. Thermond												
Inventor's Signature									Da	te		
Residence:		Saratoga			State	CA	C	country	US	Cit	izenship	US
Post Office		20017 Me	ndelsohr	Lane								
Post Office /	Address								···			
City		Saratoga State CA Zip 95070							Co	untry	US	

U.S. Pari	. Parent Application or PCT Parent Number				Parent Filing Date (MM/DD/YYYY)			Parent Patent Number (If applicable)			
	10/357,795 02/						2003				
Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto											
Direct all correspondence to: Customer Number OR Correspondence address below or Bar Code Label											
Name Bruce E. Garilck											
Address	Garlick, H	larrison &	Markiso	n, LLP							
Address	P.O. Box	160727									
City	Austin					Stat		TX		Zíp	78716-0727
Country	US						phone		264-8816	Fax	(512) 264-3735
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.											
Name of Fir	st Inventor	:						A	petition has been	filed for this	unsigned inventor
	Given N	ame (first a	nd middle	if any	1)				Family N	ame or Sum	ате
		Stept	nen							Palm	
Inventor's S	ilgnature									Date	
Residence:	City	Irvine			State	CA	Cou	ntry	US	Citizens	híp US
Post Office	Address	8 Santa L	uzia Als	le							
Post Office	Address										
City		Irvine		State	CA	Zip		92606	·	Country	US
Name of Inv	entor:							A			unsigned inventor
	Given Name (first and middle [if any]) Family Name or Surname										
Jeffrey L. , Thermond											
Inventor's S	ilgnature	Almun STAUL					1			8-14.	
Residence:		Saratoga			State	CA	Cou	ntry	US	Citizens	hip US
Post Office	Addrass	2/017 Méndelsohn Lane									
		7									
Post Office City		Saratoga		State	CA	Zip		95070		Country	us

POWER OF ATTORNEY FROM ASSIGNEE

The Assignee hereby appoints the U.S. attorneys associated with Garlick, Harrison & Markison, LLP to prosecute this application and any continuation, divisional, continuation-in-part, or reissue application thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith, such attorneys currently being: Bruce E. Garlick, Registration No. 36,520, James A. Harrison, Registration No. 40,401, Timothy W. Markison, Registration No. 33,534, Shayne X. Short, Registration No. 45,105, William W. Kidd 31,772, and Robert McLauchlan 44,924. The Assignee hereby grants said attorneys the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

Send correspondence to:

GARLICK, HARRISON & MARKISON, LLP P.O. BOX 160727 AUSTIN, TEXAS 78716-0727.

Direct phone calls to Bruce Garlick at (512) 264-8816.

FOR:	Broadcom Corporation	
SIGNATURE:	Dende	
BY:	Dee Henderson	
TITLE:	Manager, Intellectual Property Portfolic	
DATE:	9/2/03	



BROADCOM CORPORATION 16215 Alton Parkway Irvine, California 92618

> Phone: 949-450-8700 Fax: 949-450-8710

May 20, 2003

To whom it may concern:

I, Henry Samueli, hereby authorize Dee Henderson, Intellectual Property Portfolio Manager, to execute documents relating to US and foreign patent and trademark matters on behalf of Broadcom Corporation and/or its subsidiaries.

Henry Samueli, Ph.D.

Chief Technical Officer and Co-Chairman

Certificate Under 37 C.F.R. § 3.73(b)

Applicants: Stephe	en Palm and Jeffrey L. T							
Application No.:U	nknown_	Filing Date: 9/3, 2003						
	LESS TERMINAL VORK	OPERATIONS WITHIN WIRELESS LOCAL AREA						
Broadcom Corpor		a , California Corporation (Type of Assignee, e.g., corporation, partnership, university, government agency,etc.)						
states that it is:								
1. [X] the assign	ee of the entire right, title	e, and interest, or						
2. [] an assigne	ee of an undivided part int	terest						
in the patent applic	cation/patent identified ab	ove by virtue of either:						
		s) of the patent application/patent identified above. The assignment was ark Office at Reel, Frame, or for which a copy thereof is						
] A chain of title from the inventor(s) of the patent application/patent identified above to the current assignee as shown below:							
	The document was record	To:						
•		To:						
1	Reel, Frame							
[NOTE: document	A separate copy (i.e., the t) must be submitted to As	nts in the chain of title are attached. original assignment document or a true copy of the original ssignment Division in accordance with 37 CFR Part 3, if the records of the PTO. See MPEP 302-302.8]						
The undersigned (whose title is supplied bel	low) is empowered to act on behalf of the assignee.						
Date:	9/2/	/03						
Name:	Dee He	nderson al Property Portfolio						
Title:	- Continued to	ai Froperty Pomolio						
Signature:	Send							

Att rney Docket No. BP 2488.1

ASSIGNMENT for Patent Application

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventor(s) Stephen Palm and Jeffrey L. Thermond, the undersigned inventor(s) hereby sell(s) and assign(s) to Broadcom Corporation, a California corporation having a principal place of business at 16215 Alton Parkway, Irvine, California 92618-7013 (the Assignee) his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages:

check applicable box (es) ☐ for the United States of America (as defined in 35 U.S.C. § 100 et seq.), ☐ and throughout the world,

- (a) in the invention(s) known as **WIRELESS TERMINAL OPERATIONS WITHIN WIRELESS LOCAL AREA NETWORK** (BP 2488.1) for which application(s) for patent in the United States of America has (have) been executed by the undersigned on 1 SEP, 2003 in any and all applications thereon, in any and all Letters Patent(s) therefor, and
- (b) in any and all applications that claim the benefit of the patent application listed above in part (a), including continuing applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and
- (c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventor(s) agree(s) to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The undersigned inventor(s) agree(s) to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof.

Attorney Docket No. BP 2488.1

The undersigned inventor(s) hereby represent(s) that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventor(s) hereby grant(s): Bruce E. Garlick, Registration No. 36,520, James A. Harrison, Registration No. 40,401, Timothy W. Markison, Registration No. 33,534, Shayne X. Short, Registration No. 45,105, William W. Kidd 31,772, and Robert McLauchlan 44,924; all of Garlick, Harrison & Markison, LLP, P.O. Box 160727, Austin, Texas 78716-0727, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned inventor(s) on the date

1

Attorney Docket No. BP 2488.1

related to the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventor(s) hereby represent(s) that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventor(s) hereby grant(s): Bruce E. Garlick, Registration No. 36,520, James A. Harrison, Registration No. 40,401, Timothy W. Markison, Registration No. 33,534, Shayne X. Short, Registration No. 45,105, William W. Kidd 31,772, and Robert McLauchlan 44,924; all of Garlick, Harrison & Markison, LLP, P.O. Box 160727, Austin, Texas 78716-0727, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned inventor(s) on the date opposite his/her name.

Stephen Palm:			Date:	
Jeffrey L. Thermond:	My	Musi	Date:	8-14-07